



Safety and Security Interface

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Bio

- Maryfrances has over 20 years of experience in security management, program and project management, corporate marketing, information technology management, and training experience in both the public and private sectors. Maryfrances serves as the Project Manager providing support to Defense Nuclear Security, Office of Field Support (NA-72). She is currently providing project management support to the NA-70 vulnerability assessment program and to the security systems effectiveness review process. She is also instrumental in spearheading the development of the Safety and Security Interface Handbook.
- Maryfrances has conducted world-wide, onsite risk and vulnerability assessments for DOD. She identified mission critical assets and systems, and areas of vulnerability. She prioritized and developed recommendations to address vulnerabilities.



Defense Nuclear Security Strategic Vision

- NNSA Vision

- Move from a nuclear weapons complex designed for Cold War requirements to a smaller, efficient, SAFER, MORE SECURE, and more responsive Nuclear Security Enterprise at the forefront of science and technology employing America's best scientists, engineers and technicians, and led by a management team employing 21st century business standards of excellence

- DNS Key Strategies

- Support the Nuclear Security Enterprise through Defense Nuclear Security Management Excellence
- Manage Risk to Effectively and Efficiently Address the Spectrum of Security Threats
- Recruit, Sustain and Exercise Talents of People and Critical Skills
- Provide Assurance of Effective and Sustained Performance

Strategies for Securing a Future State

- Strategy 1 – Support the NNSA Enterprise through DNS Management Excellence
- Strategy 2 – Manage Risk to Effectively and Efficiently Address the Spectrum of Security Threats

Scope

- Develop an approach to improve the integration of safety and security requirements
- Improved efficiency and reduced time to implement security systems while addressing safety considerations
- Joint effort between Chief of Defense Nuclear Safety and Defense Nuclear Security

History

- Integration of Security and Safety and the need to develop a means to accelerate deployment of new security related technologies while addressing the requirements of 10CFR830.
- Topical Report on Security and Safety Integration (TROSSI)

- Intended use
 - To provide systems-level guidance on the safety and security interface
- Content topics
 - Methodologies and approaches
 - Best practices
 - Lessons Learned
 - Change control
 - Use of STIA
 - Readiness reviews

Security Technology Information Archive (STIA)

- A data “clearing house” that provides timely access to information about security technology need to select, install, operate, model, inspect and maintain
- Jointly funded by NNSA and DOE
- Users
 - Site Security Operations Staff and Safety Personnel
 - Site VA Analysts and Performance Test Staff
 - Project Managers
 - Other Agencies
- Data capture
 - HSS and NNSA reports
 - Agreements with holders of other archives

Security Technology Information Archive (STIA)

- Types of data and resources captured
 - Performance Data for Security Technologies
 - Safety Data for Security Technologies
 - Citing of Additional Sources for Data
 - Index of Available Information
- Searchable Index makes it easy for searching through Archive
- STIA reaches out to other existing data archives
- Dissemination of Data
 - Redundant distribution methods used
- How is dissemination of Data Controlled

BearCat Risk Assessment

(Data sample)

Technology	ARMORED VEHICLES
Category	SAFETY
TDRC ID	ARMVEH00-SAFET-2007-001
Title	LENCO BEARCAT WACKENHUT SERVICES INC, OAK RIDGE CENTRAL TRAINING FACILITY RISK ASSESSMENT
Abstract	Lenco BearCat Risk Assessment
Author	Jack Webb, Wackenhut Services Inc, Oak Ridge
Corporate	Wackenhut Services Inc., Oak Ridge, Tennessee
Publication Date	04/10/2007
Document ID	UNCLASSIFIED
Download Files	BEARCAT Risk.doc

Implementing Guidelines and Training Modules

- Guidelines on use of the STIA at NNSA sites currently under development
 - Promote timely and efficient site interaction with the STIA
- Training modules on safety and security interface to be developed

Summary

- Improved efficiency and reduced time to implement security systems while addressing safety considerations
- Joint effort between Safety and Security
- Promoting communication amongst stakeholders